

Organic Vegetable Seeds

Catalogue

2015-16



OSIB - BDAI

Introduction

Indiscriminate use of chemical fertilizers & pesticides, have made the soil “dead” by killing the soil flora & fauna. Cultivation of High Yielding Varieties & Hybrids has eradicated local cultivars & destroyed the bio-diversity.

Productivity level is declining continuously whereas production cost is ever escalating, resulting into narrower margin or net loss for the farmers. Farming is becoming un-profitable for the small & marginal farmers. The root cause for farmers' committing suicide is due to declining farm income along with increased debt burden.

We all know how farmers are brainwashed into spending money in every season new hybrids; latest in this is GM Seeds, This tendency is making the farming less sustainable for themselves and their families.

But, if there is a will, there is a way!!

Seed is the first & most important input in crop cultivation. Seed is the soul of soil. Organic farming has to start with use of organically produced seed...

Dear Organic Farmers & Gardeners,

We are take immense pleasure in presenting before you the first "Organic Vegetable Seeds" Catalogue on behalf of OSIB – BDAI in second year of our Open Pollinated Vegetable Seed multiplication program.

Throughout first year of OSIB Program, you have been providing enormous support & encouragement that we keep on trying our best to offer alternative solutions to the challenges you face from the conventional seed market.

Our sole objective is to offer you a wide range of Open Pollinated varieties in commonly grown vegetables across India, from which you can save your own seeds.

We are aware about hurdles & difficulties destined to come as we move ahead in this endeavor. Your honest feedback, will give us the confidence to move in the right direction.

Wishing you a wonderful growing season,

Sujit Chakrabarty

National Coordinator – OSIB

Certificate of Authenticity

All the seeds given in this catalogue, are multiplied under supervision of seed experts of BDAI. These seeds do not undergo any kind of seed treatment (neither chemical fungicides/insecticides nor organic preparations).

The foundation seeds used for seed multiplication are of non – GMO or non – Hybrid origin rather only Open Pollinated Notified/Native varieties are taken for multiplication.

BDAI has taken an initiative under its OSIB (Organic Seed Initiative) program as a facilitator between seed production farmers & organic growers, to multiply common Open Pollinated vegetable seeds by Organic & Biodynamic method in the farmers field under strict supervision of their seed expert team and subsequently make it available to the end users at a value of the product which includes only cost of production, packing & supervision but no profit margin. Cleaning & packing of seeds are done at place of production i.e. at farmers end.

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Dedicated to
Organic Vegetable Farmers
& Gardeners of India



By
Organic Seed Initiative
&
**Biodynamic Association
of India**

www.biodynamics.in

1. Beans *Pole/Climber*



- **Long harvest period**
- **Excellent flavor**
- **A climbing variety**
- **Oval green beans**

2. **Beetroot** ***Deep Detroit Red***



- **It is 60 days crop**
- **Round roots of 2 ½ to 3 inch**
- **Texture tender and tastes sweet.**
- **A dual purpose vegetable**
- **Deep green leaves are edible**
- **Great for canning and fresh eating.**

3.

Beetroot

Red Ruby



- **Round root, smooth shoulder**
- **Small tap root**
- **Fine buttery smooth red interior**
- **Extra short tops**
- **Crop duration 55 days.**

4. **Bottle Gourd** ***PSPL***



- **Long fruits without neck.**
- **Suitable for kharif & spring-summer seasons**
- **Superior in nutritional qualities**
- **Very useful for juice purpose**
- **Maturity 50-55 days.**

5. **Cabbage** ***Pride of India***



- **Early growing variety**
- **Medium-large head**
- **Avg. weight 1-1.5 kg,**
- **Duration 70-80 days after transplanting**

6. Cabbage *Green Express*



- **Early season variety**
- **Small round heads**
- **Light green leaves from outside**
- **Tight head with white interior**
- **Very sweet flavor**
- **Avg. weight up to 1.25 kg,**
- **Early Harvesting 60-65 days after transplanting.**

7. **Carrot** *Nantes*



- **Ideal for rabi season**
- **Roots are blunt tipped**
- **Medium length roots 15cm long.**
- **Rich orange color**
- **Sweet crunchy taste.**

8. **Carrot** ***Kuroda***



- **Excellent juicy carrot**
- **Very sweet & tender**
- **Suitable for late spring or early summer in hot weather when other carrots fail**
- **Smooth, tapered roots**
- **Avg. length 8 inches wide 2 inch shoulders.**

9. Celery



- **Dark green vigorous variety**
- **Attractive, very fleshy tight sticks**
- **Hold well in winter season**
- **Performs well in northern plains in rabi season**
- **Good standing ability and excellent flavor**

10. Chinese cabbage



- **Deep green color**
- **Easy to grow**
- **Duration 70-75 days after sowing.**
- **Suitable for rabi season in plains and summer growing in hills**

11. **Green Pea** ***Rapido***



- **Early winter sowing.**
- **Height up to 100cm tall**
- **Quick growing plants**
- **Small pods with 7-8 seeds**
- **Sweet in taste**
- **Round seeded tender pods**

12.

Kale

Thousand Headed



- **Vigorous plants with many side branches**
- **Very leafy product with continuous picking**
- **Maturity 60 days from planting**
- **Indeterminate very hardy product with ability to recover easily**
- **Yield potential 8 MT/ acre**
- **Very good heat tolerance**
- **Light green colored leaf**

13. Kale *DM Dari*



- **Medium to tall marrow-stem variety**
- **Low dry-matter content**
- **Enough hardiness to survive normal winter**

14. Kale *Khaneyari*



- **Medium to tall marrow-stem variety**
- **Good digestibility**
- **Low dry-matter content**
- **Enough hardiness to survive normal winter**

15. **Kale** ***Kashmiri Perennial***



- **Loose heads of jade-green leaves with fleshy white ribs**
- **Sweet and tender outer leaves**
- **Leaves harvested after 85 days from transplant**
- **Has capability to grow for few seasons in suitable climatic conditions**

16. Methi *Kasuri*



- **Short, green medium size plant**
- **Slow in growth**
- **Characteristic Kasuri aroma from the leaves of full grown plants**
- **Full plants uprooted after 4-5 weeks**
- **Used as fresh leaves as well as dried leaves**

17. Methi *Kashmiri Local*



- **Bushy, green medium-sized leaves**
- **Golden yellow seeds**
- **Tolerant to root-rot, powdery mildew, caterpillars and aphids**
- **First cutting in 3rd week then 2-3 more cutting every week**
- **Matures in 90 days when grown for seed purpose**

18. Khol Khol *Purple*



- Beautiful purple color, round swollen stem
- Medium sized purplish green leaves
- Very good taste

19. **Khol Khol** ***Early White***



- **Flat round shaped swollen stem**
- **Very light green in color**
- **Erect medium sized dark green leaves**
- **Very tender white color flesh**
- **Delicate taste**

20. Lettuce *Ice Berg*



- **Crisp firm leaves grow in compact**
- **Medium-sized heads**
- **Light green fringed and heavily ruffled outer leaves with hearts that blanch to silvery white**
- **Grows best in cool weather**
- **Ready to harvest 85 days after sowing seeds**

21. Lettuce *Butter Crunch*



- **This extremely popular lettuce has a luscious, buttery texture**
- **The soft heads are creamy yellow inside and have some heat resistance**
- **Best in cooler regions**
- **Best when picked minutes before your meal**

22. Lettuce *Green Rapid*



- Also known as Salad Bowl lettuce because one plant fills a salad bowl with no need to add other lettuces
- A large fast growing rosette lettuce
- Long, light green, deep cut leaves.
- Large, slow bolting, non-heading plants with sweet, succulent green leaves

23. **Lettuce** ***Rocket***



- **Finely serrated leaves**
- **Slow in growth**
- **Multiple cutting possible**
- **Good taste**

24. Lettuce *Red*

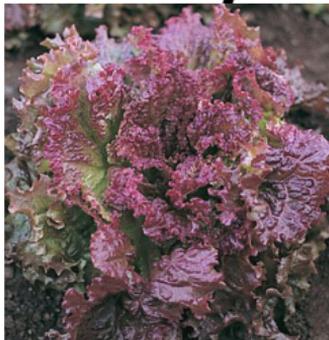


- **The Red Salad Bowl Mix is a really easy-to-grow lettuce variety**
- **Extremely flavorful red leaves**
- **Continues to grow as picked.**
- **As outer leaves are picked, inner leaves keep growing**
- **Excellent addition for salads and garnishes**

25.

Lettuce

Red Rapid



- **A large fast growing rosette lettuce with red colored leaves**
- **Long, deep cut leaves**
- **Large, slow bolting, non-heading plants with sweet, succulent green leaves**

26. Lettuce *Lola Rosa*



- **Heavily frilled green leaves with dark red edges**
- **Loft, texture, and color**
- **Good red color even in low-light conditions**
- **More compact and slower growing**

27. Okra *Arka Anamika*



- **Vigorous, tall erect, well branched plants, bearing fruits in two flushes**
- **During the first flush fruits are borne on the main stem, 40-45 days after sowing**
- **During second flush, the fruits are borne on short branches, which emerge from the middle portion of the main stem**
- **Fruits are long (15-20cm), spineless, lush green and tender.**
- **Highly tolerant to Yellow Vein Mosaic Virus**

28. Onion *Kashmiri*



- **Single bulb weight 70 – 100 g.m**
- **Deep red bulbs**
- **Good pungency**
- **Suitable for kharif and rabi season in plains & summer cultivation in hills**

29. Parsley *Common Curly Type*



- **Stems grow 8 to 14 inches tall topped with curly leaves**
- **Delightfully bright color and curly fringed foliage**
- **It grows best in full sun exposure**

30.

Pumpkin

Big Red



- **It is orange red outside & orange flesh inside stage**
- **Useful vegetable as unripe or fully ripe fruits**
- **Good sweet taste when fully ripe**
- **Very good storage life**
- **Avg. fruit size 8 – 10 kg**

31.

Pumpkin

Big White



- **It is stark white outside & orange flesh inside in ripe stage**
- **Useful vegetable as unripe or fully ripe fruits**
- **Good sweet taste when fully ripe**
- **Very good storage life**
- **Avg. fruit size 8 – 10 kg**

32. Radish *Rondo*



- **Round red variety**
- **Crisp white flesh**
- **Size 1 – 1.5 inch**

33.

Radish

Anantnag



- **Unique purple fleshed roots**
- **Nutritionally rich radish variety**
- **Distinct advantage in root size, shape, yield**

34. Radish *Red Long*



- **Unique entire pink fleshed roots**
- **Nutritional rich radish variety**
- **Medium root size**
- **Cylindrical shape**

35.

Radish

Red Round Local



- **Bright red globular roots**
- **Mildly pungent.**
- **Maturity 25 days**

36. Radish *Scarlet Globe*



- **Brilliant scarlet round roots**
- **Tender, crisp, white flesh**
- **Slightly pungent in taste**

37.

Radish

White Round



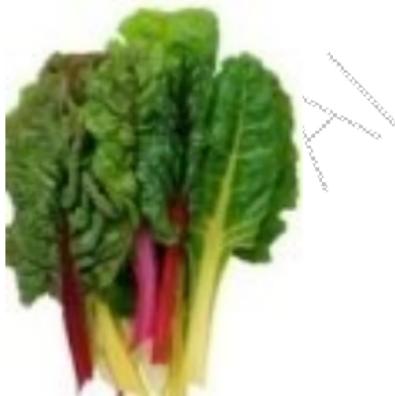
- **Round large rooted early variety**
- **Pure white skin**
- **Firm flesh with a juicy, mildly spicy taste**
- **Stays crisp for longer time**
- **Ready to pick in just 23-30 days**

38. **Spinach** ***All Green***



- **Bright green color leaves**
- **Quick luxuriant growth**
- **First cutting in 4-5 weeks**
- **Total 3-4 cuttings possible**

39. **Swiss chard** ***Kashmiri***



- **Broad green slightly curled leaves with red-yellow stem**
- **Regroth of leaves possible after first cutting with proper care**
- **Good taste**

40. **Coriander** *Kashmiri Local*



- **Vigorous growing variety**
- **Small green thin leaves**
- **High fragrance**
- **Suitable for autumn, winter & spring sowing**
- **First cutting after 4 weeks**
- **Multi-cutting possible with good agronomy**

41. Turnip *Snow Ball (Leh)*



- **A remarkably fast grower**
- **Tender, fine grained texture and mild flavor**
- **Grows up to size of 4" diameter**

42. Turnip *Purple Top*



- **Large roots are smooth globe shaped, 5 to 6" in diameter**
- **Purple across top with white beneath.**
- **Flesh is white, fine grained, crisp and tender**
- **Tops are 18 to 22 inch tall, dark green**
- **An all-purpose variety used extensively for home-gardening and shipping**

43. Turnip *Golden Ball*



- **A widely cultivated root vegetable, that also produce edible leaves**
- **Grows to a size of 2-3" diameter**
- **Easily grown in any region**
- **Excellent texture**
- **Very good storage ability**

44. Zucchini *Green*



- **Long, cylindrical vegetable, slightly smaller at the stem end**
- **Usually green to dark green & yellow color**
- **Flesh is pale greenish-white**
- **Delicate sweet taste**
- **Fruit grows quickly**
- **Harvest at tender stage (2 to 7 days of flowering)**
- **Over-ripe fruits can be bitter in taste**

45. Valerian



- **One of nature's most effective herbal tranquilizers**
- **The roots are used for nervous tension, anxiety and insomnia**
- **The tea is strengthening to the eyesight, especially when problems are due to weakness in the optic nerve.**
- **Valerian has been used as an anticonvulsant in epilepsy**
- **Grows well during Autumn – Winter – Spring season**

46. Chamomile



- **Used as a remedy for numerous medical complaints including asthma, colic, nausea, fevers, inflammations, cancer, nervous complaints, children's ailments, skin diseases etc.**
- **Its therapeutic properties include anti-peptic, anti-spasmodic, anti-pyretic, anti-bacterial, anti-fungal, and anti-allergenic activity**

47. **Tomato** ***Marglobe***



- **Determinate type plant**
- **Avg. fruit weight 70-80 gm**
- **Flat round fruits**
- **Bright red on full ripening**
- **Maturity 60 days**

48. **Brinjal** ***Purple Long***



- **Long dark purple, glossy fruits**
- **Avg. weight 90-100 gram**
- **Early fruiting 55 days to first harvest after transplanting**

49. **Cucumber** *Green*



- **Early variety for kharif season cultivation for North Indian plains**
- **Suitable for cultivation both in spring-summer and kharif seasons in other parts**
- **Maturity 50-55 days**

50. Chilly *Kashmiri*



- **Mild hot (rating < SHU 12,000)**
- **Bright red color**
- **Long, deep red and wrinkled**

52. **Broccoli** *Waltham*



- **Good taste**
- **Short, non-uniform variety**
- **Medium-large heads**
- **Grows best in colder weather**

53. **Cauliflower** ***Snowball***



- **One of the oldest classic cauliflower varieties**
- **One of the best and most widely adapted cauliflowers**
- **Compact, well-formed, ivory-white heads of good quality**
- **Early to mid-season**
- **The flower spirals form a Fibonacci sequence**

54. **Capsicum** *California Wonder*



- **Fruits are glossy green, large, four-lobed**
- **Thick green skin**
- **Ripened to a rich red color**
- **Mild and sweet flavor**
- **A very reliable and vigorous cultivar**

55. Pak choi (Bok choy)



- **A unique vegetable,**
- **Looks like a cross between cabbage and celery plant**
- **Wonderful flavor**
- **High in nutritional value**
- **A cold-loving, hardy vegetable**

55. Bean *Bush type*



- **Crop duration 60 days**
- **Green long, round, straight pods**
- **Excellent color and flavor**
- **Holds color through shipping and storage**
- **A strong, upright bush habit holds pods above the ground**

Biodynamic cultivation Tips

Sow the seeds & do all other agronomical practices on suitable days as per Biodynamic Calendar:-

- ✓ Fruit days – all fruit & pod vegetables, when Moon is in Aries/Leo/Sagittarius.
- ✓ Root days – all vegetables growing underground, when Moon is in Taurus/Virgo/Capricorn.
- ✓ Flower days – all flower vegetables , when Moon is in Gemini/Libra/Aquarius
- ✓ Leaf days – all leafy vegetables when Moon is in Cancer/Scorpion/Pisces
- Best result in seed germination can be obtained, if sown 48 hrs before Full Moon (*Poornima*).
- Always treat the seeds with CPP before sowing for better & early germination, uniform growth, healthy seedlings.
- Always do weeding 72 hrs before New Moon (*Amavasya*)
- Application of manure or root drenching to be done during descending Moon phase (*Dakshinayan*)
- Application of sprays to be done during ascending Moon phase (*Uttarayan*)
- Apply BD 500 for healing your soil.

- Apply BD 501 & CPP for better crop performance

Please visit our website or write to us for more information.

Placing order

- ~ Order to be placed in the Order Form.
- ~ Seeds will be dispatched by Speed Post.
- ~ Please send your order in the "Order Form" along with payment details to:-

Coordinator-OSIB (BDAI)

Mail to:-

sujit.bdaiosib@gmail.com

Mode of Payment

- ~ Payment to be made into our account by Cheque/DD/NEFT in the following account:-

Biodynamic Association of India

Current a/c #: 34249841154

State Bank of India

Branch: Auroville International Township (Code
3160),

IFSC: SBIN0003160

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