Good n’ Green

**Source:**
Tek Mac Enterprises, Putnam, ON

**Analyses: various blends**
- 7-4-1 (GnG) Powder and Crumble
- 7-4-4-1S (GnG High K Crumble)
- 6-4-8-2S (GnG High K Crumble)
- 7-6-1-6Ca (GnG High P Crumble)
- 5-12-1-12Ca (GnG High P Powder)
- 7-6-1-6Ca-2.5S (GnG High P + sulfur, humic acid, and kelp Crumble)
- 1-29-0 (TekMac High Phos Powder)

**Product Notes:**
- Good n’ Green is derived from dried microbes (single-cell proteins), with bonemeal, SOP, MOP, sulfur, humic acids, and kelp added to create different blends
- Available in ~40mt bulk loads or 1000kg totes
- “Crumble” format is suitable for application through dry fertilizer spreaders, planter boxes, etc.
- “Crumble” bulk density = 48lbs/cu. ft
- 7-4-1 is also available as a powder for more economical broadcast applications
- Nitrogen content is primarily organic N, very little ammonium-N
- Custom blends with added micronutrients are also available (minimum 3mt order)

**Uses:**
- Top-dress or starter fertilizer, particularly in corn, wheat, and spelt crops
- Can be broadcast and incorporated, fall or spring
Application Rates:
• Apply according to soil test recommendations and crop needs
• Suggested rates:
  o 200-400lbs/ac of 7-4-1 or 6-4-8-2S crumble banded as a corn starter
  o 150-200lbs/ac of High P powder or crumble banded as a corn or wheat starter
  o 1000-2000lbs/ac 7-4-1 powder spring broadcast pre-plant or on winter wheat

Comments:
• Much higher in nitrogen than many other organically-approved products; crumble is a convenient format
• Powders (7-4-, 5-12-1-12Ca, and 1-29-0) are very dusty and should be applied under low wind conditions (i.e. at night); expect a 20' spread pattern with typical broadcast spreaders; specialized drop spreader rentals are available in some areas
• Organic corn producers report optimal economic yield gains at rates of 300lbs/ac as a banded starter fertilizer
• Company plot data has shown 11-60bu/ac yield increases in corn; 7-30bu/ac in winter wheat; 5-6 bu/ac in soybeans, depending on application rates and soil/crop management history
• Good n' Green products are approved for organic use by EcoCert Canada

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