

Section 13 Example. Annual Plan - Crop Available Nutrients

Sample Calculations	N – Current Year (2007)	N – Next Year (2007)	N – 2 yrs from now (2007)	N – 3 yrs from now (2007)	P ₂ O ₅ Available (2007)
Scraped Solids from Pens: Reference:	$30 \times (4 \times 0.0 + 14.5 \times 0.25) = 109$	$30 \times 14.5 \times 0.15 = 65$	$30 \times 14.5 \times 0.07 = 30$	$30 \times 14.5 \times 0.04 = 17$	
	Strategic Plan (equation 7)	Strategic Plan (equation 8)	Strategic Plan (equation 9)	Strategic Plan (assumption i)	

Results

Manure Application Options			Ammonium-N Available This Year			Organic-N Available This Year			j. This Year's Total N Available (f + i) (lbs./ac)	Organic-N Available		
a. Option #	b. Manure Source, Season of Application, and Incorporation	c. Planned Application Rate	d. Ammonium-N Content ("as is" basis)	e. Available Factor (see Figure 1)	f. Available NH ₄ -N (c x d x e) (lbs./ac.)	g. Organic-N Content ("as is" basis)	h. Available Factor (see Figure 1)	i. Available Organic-N (c x g x h) (lbs./ac.)		k. Next Year (c x g x 0.15) (lbs./ac)	l. 2 Years from Now (c x g x 0.07) (lbs./ac.)	m. 3 years from Now (c x g x 0.04) (lbs./ac)
A	Beef feedlot manure solids, not incorporated	30 <input checked="" type="checkbox"/> tons/ac <input type="checkbox"/> 1000 gal/ac <input type="checkbox"/> ac-in/ac	4 <input checked="" type="checkbox"/> Lbs./ton <input type="checkbox"/> Lbs./1000 gal <input type="checkbox"/> Lbs./ac-in	0.0	0	14.5 <input checked="" type="checkbox"/> Lbs./ton <input type="checkbox"/> Lbs./1000 gal <input type="checkbox"/> Lbs./ac-in	0.25	109	109	65	30	17
B	Feedlot manure solids, not incorporated	20 <input type="checkbox"/> tons/ac <input type="checkbox"/> 1000 gal/ac <input type="checkbox"/> ac-in/ac	4 <input type="checkbox"/> Lbs./ton <input checked="" type="checkbox"/> Lbs./1000 gal <input type="checkbox"/> Lbs./ac-in	0.0	0	14.5 <input type="checkbox"/> Lbs./ton <input type="checkbox"/> Lbs./1000 gal <input type="checkbox"/> Lbs./ac-in	0.25	73	73	44	20	12
C	Feedlot manure solids, not incorporated	15 <input type="checkbox"/> tons/ac <input type="checkbox"/> 1000 gal/ac <input type="checkbox"/> ac-in/ac	4 <input type="checkbox"/> Lbs./ton <input checked="" type="checkbox"/> Lbs./1000 gal <input type="checkbox"/> Lbs./ac-in	0.0	0	14.5 <input type="checkbox"/> Lbs./ton <input type="checkbox"/> Lbs./1000 gal <input type="checkbox"/> Lbs./ac-in	0.25	54	54	33	15	9
D		<input type="checkbox"/> tons/ac <input type="checkbox"/> 1000 gal/ac <input type="checkbox"/> ac-in/ac	<input type="checkbox"/> Lbs./ton <input type="checkbox"/> Lbs./1000 gal <input type="checkbox"/> Lbs./ac-in			<input type="checkbox"/> Lbs./ton <input type="checkbox"/> Lbs./1000 gal <input type="checkbox"/> Lbs./ac-in						
E		<input type="checkbox"/> tons/ac <input type="checkbox"/> 1000 gal/ac <input type="checkbox"/> ac-in/ac	<input type="checkbox"/> tons/ac <input type="checkbox"/> 1000 gal/ac <input type="checkbox"/> ac-in/ac			<input type="checkbox"/> tons/ac <input type="checkbox"/> 1000 gal/ac <input type="checkbox"/> ac-in/ac						