



Hurononia



Agriculture Update

Oro township tries calcium

Simcoe County - On a well travelled stretch of gravel road in Oro Township last week, a load of liquid calcium chloride was dumped on Fred Haughton, free of charge.

Fred Haughton is the road supervisor for Oro Township. While he was attending the Good Roads Convention in Toronto this Spring he entered and won a contest General Chemical was holding - a free tanker load of liquid calcium chloride.

He took possession of his prize last May 19 and, under the supervision of Larry Postill from General Chemical, Mr. Haughton used part of it to stabilize a section of Oro Sideroad No. 5. The remainder was used as dust control on an adjacent section of the same road. The rest of the road was left alone.

"General Chemical attends the Ontario Good Roads Convention held every Spring in Toronto," says Larry Postill, General Chemical rep for the area. "For the

past four years, we have been doing some promotional work there for stabilized roads and that involves giving away a free load of calcium chloride. When Fred won this year, we thought we would take advantage of the situation to show the neighboring townships what road stabilization was all about."

About 25 road supervisors from neighboring townships, as well as a couple of Councilors from Oro Township, turned up for the demonstration. Personal presentations were made to Fred Haughton and runner-up Bill Newman, from Mara Township, at the new Oro Township offices on Sideroad No. 7. After that everyone adjourned to the site to watch the application of the calcium chloride.

A few hundred yards in from Highway 11 on Oro Sideroad No. 5 a short stretch received a sprinkling of calcium chloride for dust control. Immediately adjacent to that stretch a heavier dose was

given to the stabilized section. About a mile later, another section was given the lighter, dust control-application.

The section of the road to be stabilized has been first prepared by laying down some 2,000 tons of fresh gravel carefully tested to ensure it met Ontario Ministry of Transportation and Communications standards. Then it was carefully graded and shaped to give it the proper crown.

When the tanker truck came, three passes were made - one for each 12-foot lane and a third down the centre, overlapping the previous two applications. The total application of calcium chloride amounted to less than 1 per cent by weight of gravel.

Finally, a vibratory compactor was rolled over the road to pack down the gravel.

"One of the reasons we wanted to stabilize this particular section of road, is because we've had problems here in the past," says Fred

Haughton. Even now that we've added the gravel and calcium chloride, we're looking for soft spots. If we don't have a strong base, this material would get soupy very fast when we put the vibratory on it. But so far it looks pretty good."

That's good news for Larry Postill who has been casting anxious glances at the weather. It has been threatening to storm, but now

it is just drizzling.

It turns out that this is good weather for stabilizing roads with calcium chloride. The added moisture helps in the compacting of "fines" in the road. "Fines" are the small particles that form a part of any gravel road. When they are wet, they stick to one another and to larger particles and this helps to hold everything together.

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CUSTOM ROUND BALING

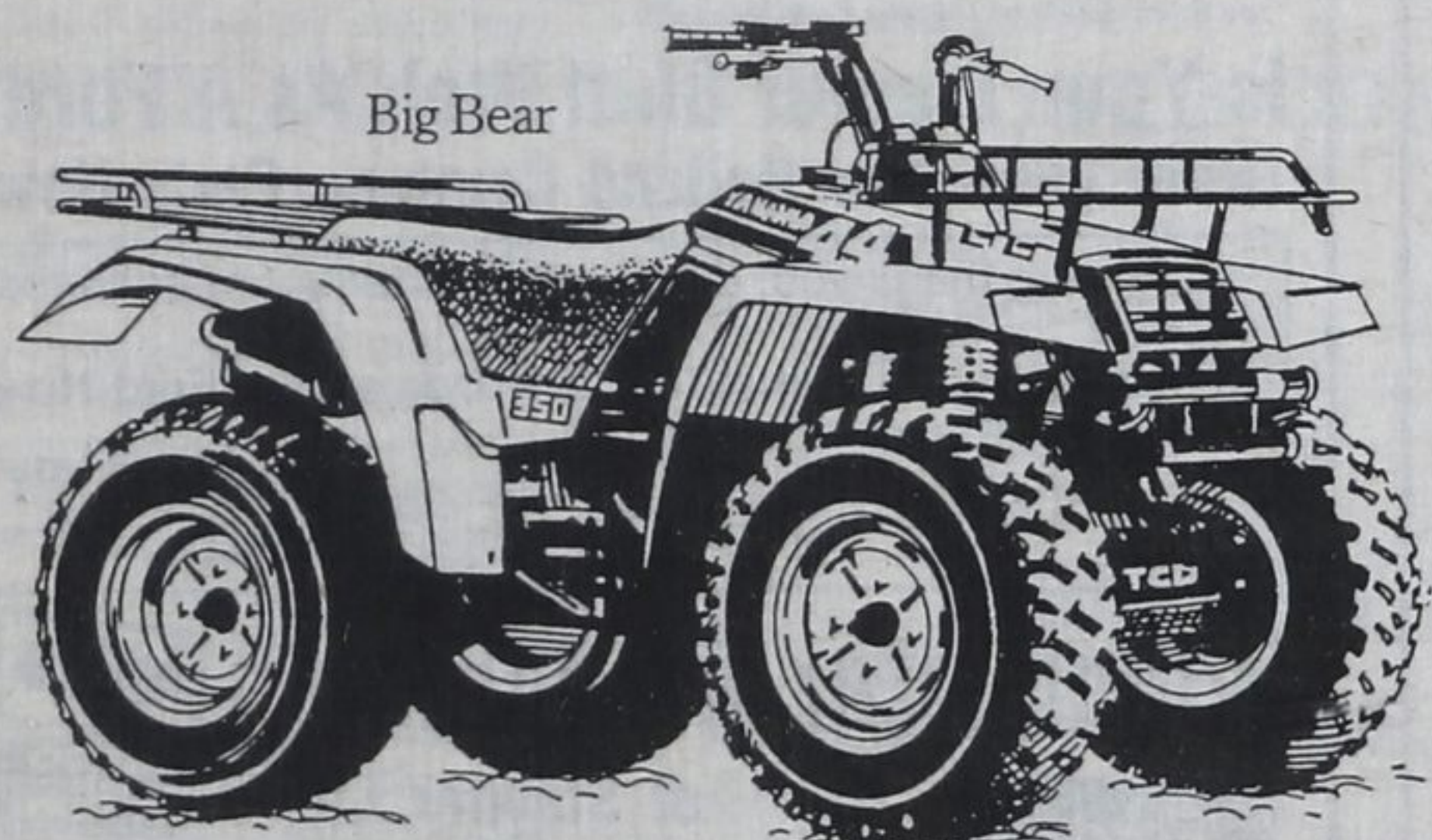
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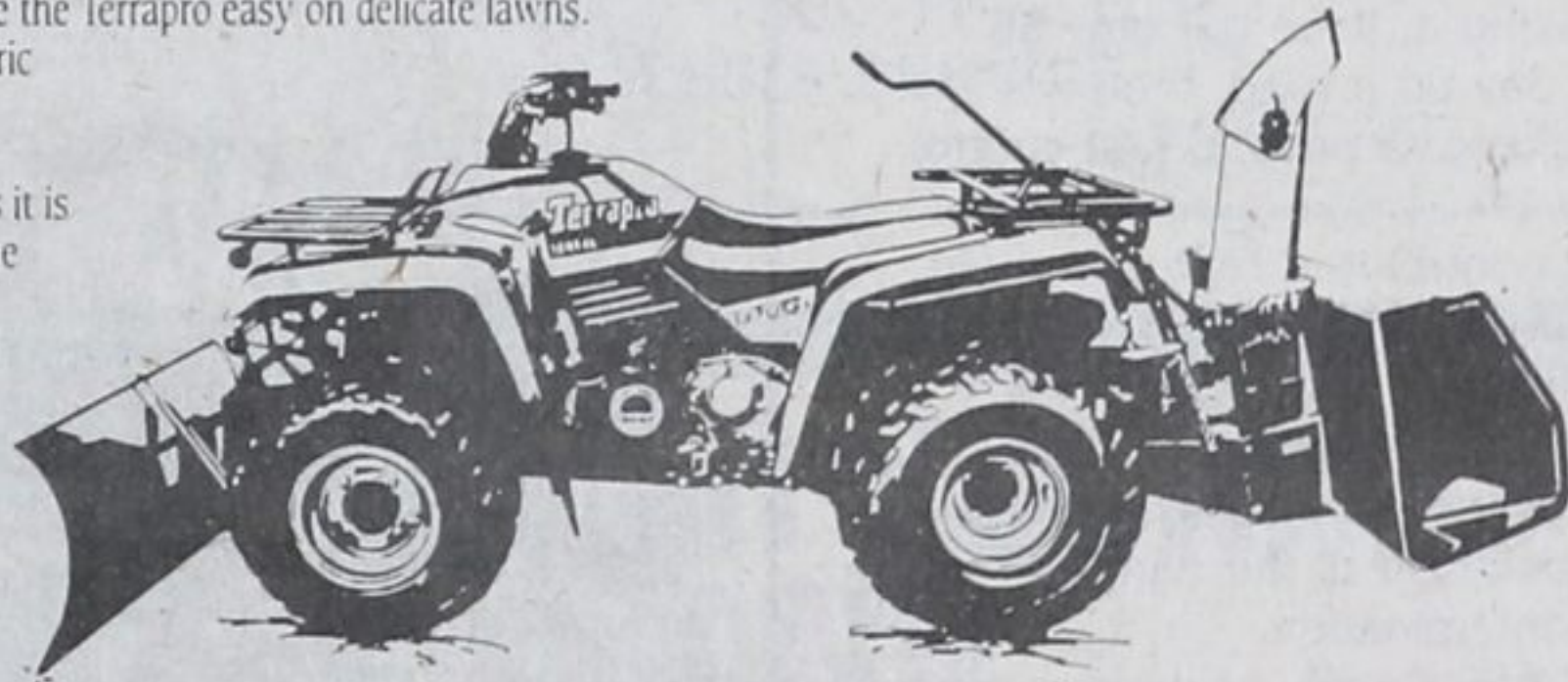
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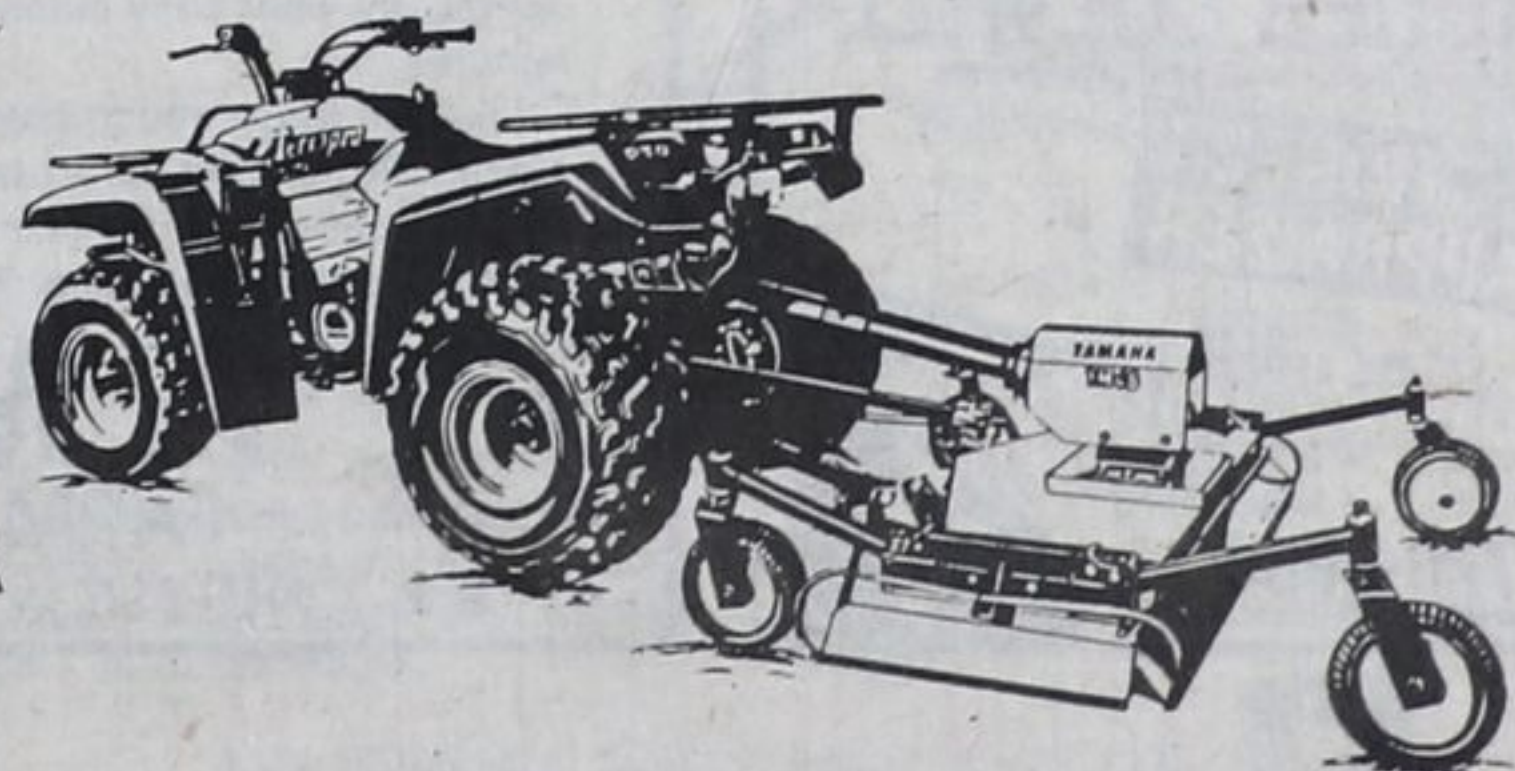
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